

Formulation Project Leader – Oral Dosage Forms (80-100%)

Job ID
REQ-10027151
Dec 19, 2024
Switzerland

Summary

Location: Basel, Switzerland

Role Purpose:

Novartis holds a rich development portfolio of small molecules ready to develop into innovative patient centric oral dosage forms. As a Formulation Project Leader working on oral dosage forms, you will lead and manage formulation and manufacturing activities linked to pharmaceutical development for small molecules (New Chemical Entities; NCE) for assigned projects. For this position, specific emphasis lies on bringing in-depth experience in applied data science, mechanistic modelling and simulation of pharmaceutical unit operations.

About the Role

Your responsibilities will include but are not limited to:

- You drive the modeling and simulation in the formulation and process development activities.
- You are accountable to develop and implement data-driven and physics-based models.
- You role-model applying data-centric ways of working by leading and implementing digital transformation initiatives in development activities.
- You role-model advanced data processing and handling.
- You support the design and development of (enabling) formulation and manufacturing process deliverables.
- You contribute to the creation and updating of formulation project plans aligned with the overall Drug Product (DP) and TRD project plans and internal guidance.
- You closely collaborate with DP sub-team members. You understand, identify and manage with them together critical aspects around DS, DP, packaging, device and analytics.
- You ensure authoring of correct, comprehensible, structured, complete and legible scientific development reports and GMP Supply documents to allow timely start of development trials, process transfers and supply activities.
- You contribute to the generation of filing dossiers, answer DP related questions in inspections and support Health Authority requests.

What you'll bring to the role:

- Advanced degree (minimum PhD) in a relevant scientific field
- Minimum 2-4 years of successful industry experience applying data science and modeling & simulation in the development of pharmaceutical products

- Experience in implementing computational models to guide formulation and/or manufacturing processes development of drug products. For example, quantum chemistry/cheminformatics for formulation development including solubility prediction and/or energy and mass balances for manufacturing process development including granulation, blending, compression etc.
- Good knowledge of data science and data visualization
- Strong background in programming and/or machine learning
- Excellent scientific skills
- Interdisciplinary thinking and interest in collaboration with other functions
- Successfully demonstrated track record of creativity and problem solving in projects.
- Good communication, organizational, planning and negotiation skills (German language skills desired).

Commitment to Diversity and Inclusion: Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to inclusion.switzerland@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together?
<https://www.novartis.com/about/strategy/people-and-culture>

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Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

Division

Development

Business Unit

Innovative Medicines

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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